

CLAIMS

1. A modular jack equipped with a foolproof mechanism for preventing insertion of a modular plug having a number of poles that is not a predetermined number, said foolproof mechanism comprising:

a pair of spring members each having an abutment section provided at a front end thereof, said abutment section having:

a cam portion made of an inclined face and a stopper portion located behind and inside said cam portion such that when a modular plug having said predetermined number of poles is inserted into said modular jack, a front end of said modular plug abuts on said inclined face of said cam portion to move said abutment section outwardly, permitting insertion of said modular plug into said modular jack but when another modular plug having a number of poles that is smaller than said predetermined number is inserted, a front end of said another modular plug abuts against said stopper portion to prevent insertion of said another modular plug.

2. The modular jack according to claim 1, wherein said spring member and said abutment section are made as a unit.

3. The modular jack according to claim 1 or 2, wherein said spring members are provided along an outside of said housing.

4. The modular jack according to claim 1 or 2, wherein said spring members are provided opposite sides of a top wall of said housing.

5. The modular jack according to claim 1 or 2, which further comprises a pair of slots provided in said housing into which said abutment sections are fitted for sliding movement along rear faces of said slots.

6. The modular jack according to claim 1 or 2, which further comprises a shield plate over said housing from which said foolproof mechanism extends.

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